

INTERNATIONAL SEARCH REPORT

National Application No
PCT/EP 00/05584

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G02F1/1333 G02F1/133 G02F1/1362 G02F1/1368 G09G3/36		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G02F G09G		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) WPI Data, PAJ, IBM-TDB, EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 731 436 A (NISHIDA SHINSUKE) 11 September 1996 (1996-09-11) * sections: f1 - f3 * figures 2-5,9-11,14-16 ---	1,7-9
A	US 5 079 636 A (BRODY THOMAS P) 7 January 1992 (1992-01-07) column 6, line 65 -column 10, line 7 column 12, line 40 -column 14, line 26; figures 1-6 ---	1
A	US 4 368 467 A (TANIKAWA KUNIHIRO ET AL) 11 January 1983 (1983-01-11) column 2, line 6 - line 43 column 4, line 35 - line 59 column 6, line 20 -column 7, line 3 column 10, line 52 - line 68; figures 1,2,4,6,7 ---	1,2,8,9
-/-		
<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents :</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"&" document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center; font-weight: bold;">25 September 2000</div>		Date of mailing of the international search report <div style="text-align: center; font-weight: bold;">02/10/2000</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3018		Authorized officer <div style="text-align: center; font-weight: bold;">Stang, I</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 4 791 417 A (BOBAK TADEUSZ) 13 December 1988 (1988-12-13) column 4, line 31 -column 6, line 54; figures 2-6	1,2,4,5, 8
A	US 5 889 568 A (SERAPHIM DONALD P ET AL) 30 March 1999 (1999-03-30) column 8, line 56 -column 9, line 45; figure 6	1
P,X	EP 0 933 753 A (HEWLETT PACKARD CO) 4 August 1999 (1999-08-04) the whole document	1,7,8

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information on patent family members

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